



## **MATERIAL SAFETY DATA SHEET**

**Premiere Concrete Admixtures**  
**508 Cedar Street**  
**Pioneer, OH 43554**  
**419-737-9808**

**24 Hour Emergency Contact**  
**CHEMTREC 800-424-9300**

### **Section I - PRODUCT IDENTITY: *NitroCast® HE***

CAS# Proprietary Mixture

Common Name: Non-Chloride Water Reducing and Accelerating Concrete Admixture

### **Section II - HAZARDOUS INGREDIENTS:**

Material:	CAS#	TLV	STEL	PEL	CONTENT
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### **Section III - PHYSICAL CHARACTERISTICS:**

N/Av = Not Available N/Ap = Not Applicable ca. = Approximate

Boiling Point F° (°C): 212 (100)

Freezing Point F° (°C): 20 (-7)

VOC (w/w): 0%

Solubility in Water: 100%

Specific Gravity: 1.40

Appearance: Clear brown liquid

pH: 2.5 – 5.5

Odor: Pungent

### **Section IV - FIRE AND EXPLOSION HAZARD DATA:**

HMIS Hazard Rating:

0 (Minimal)

Flash Point:

Non-flammable Method: Not Applicable

Auto-Ignition Temperature:

Not Applicable

Limits of Flammability:

LEL: Not Applicable UEL: Not Applicable

Special Fire & Unusual Hazards:

None known

Extinguishing Media: This material does not give a flash point by conventional test methods, use extinguishing agent suitable for type of surrounding fire.

### **Section V - REACTIVITY DATA:**

HMIS Hazard Rating:

0 (Minimal)

Stability:

Stable. Not sensitive to mechanical impact.

Incompatibility:

Strong mineral acids.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products: (After water has evaporated.) Oxides of Carbon, Nitrogen and Sulfur

### **Section VI - HEALTH HAZARD DATA:**

HMIS Hazard Rating:

1 (Slight)

PRIMARY ROUTE OF ENTRY:

Dermal, Eyes

#### **Effects of Overexposure**

Inhalation: At room temperature, exposures to vapors are unlikely due to physical properties.

Eyes: May cause slight transient irritation.

Skin Contact: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

Skin Absorption: Not expected to be absorbed through the skin in sufficient quantities to increase overall toxicity.

Ingestion: Amounts ingested, incidental to industrial handling, are not expected to cause injury.

Chronic: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200.

**Section VII - FIRST AID:**

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

**Section VIII - SPECIAL PROTECTION INFORMATION:**

Ventilation: Ventilation is generally not required.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation.

**Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

Waste Disposal Method: Dispose in accordance with local, provincial, state and federal regulations

**Section X - REGULATORY INFORMATION:**

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: None Physical hazard: None

Title III Section 313: None above deminimis.

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

State: California: No reportable chemicals

**Section XI - TRANSPORTATION INFORMATION:**

Shipping Name: NOT REGULATED

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NO REPORTABLE CHEMICALS

Marine Pollutant: NL

P = Moderate PP = Severe WS = Water Sheen NL = Not Listed ND = Not Determined

**Section XII - ADDITIONAL INFORMATION:**

Average Shelf Life: 18 months

Special Instructions: Keep from freezing

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Date Prepared: January 1, 2009

Prepared by: Department of Environmental, Health and Safety